



## Specifications

### Display

<b>Graphic Chipset</b>	Intel® Iris® Xe Graphics (i5-1135G7) Intel® UHD Graphics for 11th Gen Intel® Processors (i3-1115G4)
<b>Resolution</b>	DP++ 1.4: 4096x2304@60Hz

### Front I/O

<b>Power Button</b>	1 x Power Button w/LED
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### Rear I/O

<b>USB Port</b>	3 x USB 3.2 Gen.2 3 x USB 2.0
<b>COM Port</b>	1 x RS-232/422/485 (Default RS-232) 1 x RS-232
<b>DP</b>	2 x DP++Vv
<b>Audio</b>	1 x Line-Out 1 x Mic-In
<b>RJ-45</b>	2 x RJ-45
<b>LED Indicator</b>	1 x Power On/Off 1 x Storage Access
<b>Antenna</b>	2 x Antenna Mounting with Dust Protection Cover

### Right I/O

<b>Antenna</b>	2 x Antenna Mounting with Dust Protection Cover
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### Left I/O

<b>Antenna</b>	2 x Antenna Mounting with Dust Protection Cover
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### Power

<b>DC Input Voltage</b>	12Vdc via Power Adapter
<b>DC Input Connector</b>	Lockable DC Jack
<b>ACPI</b>	Single power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant
<b>Power Mode Adapter</b>	AT/ATX (ATX is default setting) AC to DC Adapter 60W

## Features

- 11th Gen Intel® Core™ i5/i3 Tiger Lake-UP3 Processor
- Intel® Iris® Xe/ UHD Graphics Engine
- 1-260-pin DDR4 3200MHz SO-DIMM, Supports Up to 32GB
- 2-Gigabit Ethernet, 1 x 2.5GbE, 1 x 1GbE
- 2-COM Port (RS-232/422/485 & RS-232)
- 2-Audio Jack (Line-Out & Mic-In)
- 2-Storage (M.2 Key-M NVMe & M.2 Key-B SATA)
- 2-Expansion Slot (M.2 Key-E, Key-B)
- 6-USB Port (3-USB 3.2 & 3-USB 2.0)
- CE, FCC Class A ( In Process )

### System

<b>Processor</b>	Intel® Core™ i5-1135G7 (TDP 15W) (Default) Intel® Core™ i3-1115G4 (TDP 15W) (Default)
<b>System Memory</b>	Single 260-Pin SO-DIMM Socket, Max. Up to 32GB DDR4 3200MHz
<b>BIOS Information</b>	AMI uEFI BIOS, 256Mbit SPI Flash ROM
<b>Watchdog Timer</b>	H/W Reset, 1sec. – 65535sec./min.1sec. or 1min. step
<b>H/W Status Monitor</b>	CPU temperature monitoring and voltage monitoring
<b>TPM</b>	dTPM 2.0
<b>SBC</b>	ECM-TGUC

### Storage

<b>M.2</b>	1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2280 NVMe (PCIe Gen4 x 4)
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### Expansion

<b>M.2</b>	1 x M.2 Key-E 2230 (PCIe, USB 2.0) 1 x M.2 Key-B 2242/3042/3052 with 1x SIM Slot (SATA, USB3.2, USB 2.0), share with Storage
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### Ethernet

<b>LAN Chipset</b>	Intel® Ethernet Connection I219-LM (1G) Intel® Ethernet Controller I225-V (2.5G)
<b>Specification</b>	10/100/1000 Gigabit (I219-LM) 10/100/1000/2500 Gigabit (I225-V)

### Software Support

<b>OS Information</b>	Win11 64bits, Win10, Linux
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## Audio

**Audio Codec** RealTek ALC888S-VD2-GR

## In-Box Accessory

**Accessory** 1 x AC to DC Adapter, 1 x Wall Mount,  
4 x Rubber Foots, 1 x Screw Kit

## Environment

**Operating Temperature** With SSD : 0°C ~ 50°C (32°F ~ 122°F) with  
0.5m/s air flow  
**Storage Temperature** -40°C ~ 75°C (-40°F ~ 167°F)  
**Operating Humidity** 40°C @ 95% Relative Humidity, Non-condensing

## Certification Information ( in process )

**CE, FCC Class A**

## Physical

**Dimension (W x H x D) (mm)** 188 x 48 x 120  
**Weight** 835g  
**Vibration Test** with SSD: 1.5Grms, IEC 60068-2-64, Random,  
5 ~ 500Hz, 30min/axis  
**Shock Test** IEC 60068-2-27, Half Sine, 11ms  
**Drop Test** ISTA 2A, IEC-60068-2-32 Test : Ed, 1 Corner,  
3 Edges, 6 Faces  
**Mounting Kit** Wall Mount Kit  
**Construction** Aluminum + Metal

## Ordering Codes

### Model Number

### Description

**CBX-AL1103 / i3-1115G4 / 8GB/ 512GB SSD**

11th Gen. Intel® Core™ i3-1115G4 (TDP 15W) processor, 8GB DDR4 3200MHz RAM, 512GB SSD

**CBX-AL1103 / i3-1115G4 / 16GB/ 1TB SSD**

11th Gen. Intel® Core™ i3-1115G4 (TDP 15W) processor, 16GB DDR4 3200MHz RAM, 1TB SSD

**CBX-AL1105 / i5-1135G7 / 8GB/ 512GB SSD**

11th Gen. Intel® Core™ i5-1135G7 (TDP 15W) processor, 8GB DDR4 3200MHz RAM, 512GB SSD

**CBX-AL1105 / i5-1135G7 / 16GB/ 1TB SSD**

11th Gen. Intel® Core™ i5-1135G7 (TDP 15W) processor, 16GB DDR4 3200MHz RAM, 1TB SSD

CBX-AL1100-FL-05-04-2024